

AUTHOR INDEX

Acebal, C. 257
Amadó, R. 151
Aparna, H.S. 313
Attia, A.M.E. 295

BeMiller, J.N. 319
Bielfeldt, T. 17
Blaskó, A. 1
Bock, K. 17
Braun, C. 93
Bunel, S. 1
Bunton, C.A. 1

Castillón, M.P. 257
Chastanet, J. 301
Coste-Sarguet, A. 57
Cubero, I.I. 187

Defaye, J. 57
Désiré, J. 177
Domínguez, J.M. 257
Dunkel, M.P.H. 151

Elgemeie, G.E.H. 295

Falshaw, R. 219
Fuentes Mota, J. 57
Furneaux, R.H. 219

Gadelle, A. 57
Gama, Y. 307
García Fernández, J.M. 57
Glaudemans, C.P.J. 35, 135
Gorshkova, R.P. 249
Gotoh, M. 73
Gray, D.G. 319
Györgydeák, Z. 85

Hassan Ajandouz, E. 267
Hayashi, K.-i. 143

Hirano, S. 143
Hisamori, H. 143
Holmberg, L. 47
Hricovini, M. 159
Hutadilok, N. 143

Ibarra, C. 1
Isakov, V.V. 249
Ishii, T. 143, 307
Ito, Y. C1

Jain, R.K. 279
Jiménez, J. 257
Jiménez Blanco, J.L. 57

Kalmykova, E.N. 249
Kaneko, S. 307
Kari, N. 187
Karkalas, J. 233
Kawabata, Y. 307
Kováč, P. 73
Krishnudu, K. 287
Kusakabe, I. 307
Kuyama, H. C1

Le Questel, J.Y. 127
Lindberg, B. 47
Lindhorst, T.K. 93
Lindqvist, B. 47
Liu, X.-G. 279

Ma, S. 233
Mandal, C. 115
Manley-Harris, M. 209
Marchis-Mouren, G.J. 267
Matta, K.L. 279
Meldal, M. 17
Miller, I.J. 219
Mochimasu, T. 143
Moraga, E. 1

- Morrison, W.R. 233
Mouhous-Riou, N. 127
- Nakahara, Y. C1
Negrón, G. 301
Nukada, T. C1
- Ogawa, T. C1
Ortiz Mellet, C. 57
Ovodov, Y.S. 249
- Paulsen, H. 17
Pérez, S. 127
Peters, S. 17
Pethrick, R.A. 233
Petráková, E. 35, 135
Petrůš, L. 319
Plaza Lopez-Espinosa, M.T. 187
- Richards, G.N. 201, 209
Roussi, G. 301
- Sakakibara, T. 107
Salimath, P.V. 313
Sen, G. 115
Seta, A. 107
Sharma, G.V.M. 287
- Tachibana, H. 143
Thiem, J. 85
Tokuda, K. 107
Torri, G. 159
- VanDenburg, J.Y. 201
Veyrières, A. 177
- Withers, S.G. 93

SUBJECT INDEX

- Achatinin_{II}, a sialic acid-binding lectin from *Achatina fulica*, specificity of the binding site of, 115
- Alkylation of cellulose in LiCl/Me₂SO solvent with dimethyl sodium activation, 319
- Alpha-amylase I and II from porcine pancreas, subsite mapping using 4-nitrophenyl- α -maltooligosaccharides, subsite mapping of porcine pancreatic, 267
- Amylopectin, fructose-grafted amylose and, 201
- Amylose and amylopectin, fructose-grafted, 201
- Amylose inclusion complexes with fatty acids, some factors determining the thermal properties of, 233
- Anomalous Zemlén deacylation of protected methyl 2-deoxy- α -D-arabino-hexopyranosides and related methyl α -isomaltosides and α -isomaltotriosides, 135
- α -L-Arabinofuranan: synthesis of the core trisaccharide, 307
- (1 \rightarrow 5)- α -L-Arabinoligosaccharides degradation pattern analysis with endo-(1 \rightarrow 5)- α -L-arabinase and high-performance anion-exchange chromatography with pulsed amperometric detection, 151
- Azides, synthesis of methyl (D-glycopyranosyl-azide)uronates by oxidation of glycosyl, 85
- Cellobiohydrolase I from *Trichoderma reesei* QM 9414, thermal inactivation, 257
- Cellulose, alkylation of, in LiCl/Me₂SO solvent with dimethyl sodium activation, 319
- Cellulose, dissolution in LiCl/Me₂SO, 319
- Chitosan, the effect of N-substitution on hydrolysis by an endo-chitosanase, 143
- Cobalt(III) with D-fructose and phenanthroline, complexes of, 1
- Complexes of cobalt(III) with D-fructose and phenanthroline, 1
- Core trisaccharide of α -L-arabinofuranan: synthesis of methyl 3,5-di-O- α -L-arabinofuranosyl- α -L-arabinofuranoside, 307
- Cross-linked polysaccharides, syntheses of some model compounds with cyclic substituents, 47
- Crystal and molecular structure of 4-cyanophenyl 5-thio- β -D-xylopyranoside, the, 127
- Cyclic thiocarbamates and isothiocyanates of α , α' -trehalose, sucrose, and cyclomaltooligosaccharides, 57
- Cyclodextrins, stereoselective thermal transfer of fructose from sucrose to, 209
- Cyclo-glycosylation of a (1 \rightarrow 4)-linked glycooctoase and glycodecaose: synthesis of cyclo-lactooctaoase and cyclo-lactodecaose, C1
- Cyclo-lactodecaose, cyclo-glycosylation of a (1 \rightarrow 4)-linked glycooctoase and glycodecaose: synthesis of cyclo-lactooctaoase and, C1
- Cyclo-lactooctaoase and cyclo-lactodecaose, cyclo-glycosylation of a (1 \rightarrow 4)-linked glycooctoase and glycodecaose: synthesis of, C1
- Deoxygenated analogues of the methyl α -glycoside of the intracatenary monosaccharide repeating unit of the O-polysaccharide of *Vibrio cholerae* O:1, synthesis, 73
- Deoxygenated (at position C-2) α -isomaltoligosaccharides, synthesis of methyl glycosides of, 35
- 4'-Deoxy- α -maltosyl fluoride and 4'-deoxy- α -maltotriosyl fluoride as probes of α -glucanotransferase mechanisms, synthesis of, 93
- 4'-Deoxy- α -maltotriosyl fluoride as probes of α -glucanotransferase mechanisms, synthesis of 4'-deoxy- α -maltosyl fluoride and, 93
- 3,5-Di-O- α -L-arabinofuranosyl- α -L-arabinoside, methyl, synthesis, 307
- Disialyl lactose from buffalo colostrum, isolation and characterization of, 313
- Endo-(1 \rightarrow 5)- α -L-arabinase degradation patterns of linear (1 \rightarrow 5)- α -L-arabinoligosaccharides by high-performance anion-ex-

- change chromatography with pulsed amperometric detection, 151
- Epichlorohydrin, syntheses of some model compounds with cyclic substituents for the reaction with polysaccharides, 47
- Fatty acids, some factors determining the thermal properties of amylose inclusion complexes, 233
- Fructose and phenanthroline, complexes of cobalt(III) and D-, 1
- Fructose-grafted amylose and amylopectin, 201
- Furanoid glycol, use in the synthesis of *cis*-fused bicyclic acetals employing radical reactions, 287
- α -Glucanotransferase mechanisms, synthesis of 4'-deoxy- α -maltoosyl fluoride and 4'-deoxy- α -maltotriosyl fluoride as probes of, 93
- (α -D-Glucopyranosyl)phenylacetylene, synthesis and reactions, 177
- Glycol, use of a furanoid, in the synthesis of *cis*-fused bicyclic acetals, 287
- Glycodecaose: synthesis of cyclo-*lacto*octaose and cyclo-*lacto*decaose, cyclo-glycosylation of a (1 \rightarrow 4)-linked glycooctaose and, C1
- Glycooctaose and glycodecaose: synthesis of cyclo-*lacto*octaose and cyclo-*lacto*decaose, cyclo-glycosylation of a (1 \rightarrow 4)-linked, C1
- Glycopeptides, solid-phase synthesis using new glycosyl amino acids, 17
- (D-Glucopyranosyl azide)uronates, synthesis of methyl, 85
- Glycosyl amino acids, preparation and use in solid-phase synthesis of multiply glycosylated mucin peptides, 17
- Heparin pentasaccharide dynamics in aqueous solution studied by NMR relaxation measurements, 159
- Hex-3-enopyranoside derivative having a peroxy group and its reactions with some nucleophiles, preparation of methyl 3-C-nitro- α -D-threo-, 107
- Hexopyranosides and related oligosaccharide glycosides, anomalous Zemplén deacylation of protected methyl 2-deoxy-, 135
- N-Hexopyranosyl-2-pyridones and -2-pyridinethiones, synthesis of some, 295
- Hydrolysis of chitosan by an endo-chitosanase, the effect of N-substitution, 143
- D-Isomalto oligosaccharides specifically deoxygenated at position C-2, synthesis of methyl glycosides of, 35
- Isothiocyanates and cyclic thiocarbamates of α , α' -trehalose, sucrose, and cyclomaltooligosaccharides, 57
- Kinetic study of the hydrolysis of chitosan and derivatives by an endo-chitosanase, 143
- Lectin from *Achatina fulica*, specificity of the binding site of Achatinin_{II}, a sialic acid-binding, 115
- Lipopolysaccharide from *Yersinia enterocolitica* serovar O:10, structural studies of O-specific polysaccharide chains, 249
- Methyl O-(2-acetamido-2-deoxy-3-O-sulfo- β -D-glucopyranosyl sodium salt)-(1 \rightarrow 3)- β -D-galactopyranoside, synthesis of, 279
- Methyl O-(2-acetamido-2-deoxy-4-O-sulfo- β -D-glucopyranosyl sodium salt)-(1 \rightarrow 3)- β -D-galactopyranoside, synthesis of, 279
- Methyl O-(2-acetamido-2-deoxy-6-O-sulfo- β -D-glucopyranosyl sodium salt)-(1 \rightarrow 3)- β -D-galactopyranoside, synthesis of, 279
- Methyl 4,6-O-benzylidene-2-deoxy-2-dimethylamino- α -D-altropyranoside N-oxide, synthesis of sugar pyrrolidine derivatives from, 301
- Methyl (D-glucopyranosyl azide)uronates, synthesis, 85
- Methyl glycosides of some D-isomalto oligosaccharides specifically deoxygenated at position C-2, synthesis, 35
- Molecular structure of 4-cyanophenyl 5-thio- β -D-xylopyranoside, the crystal and, 127
- 4-Nitrophenyl- α -maltooligosaccharides in the subsite mapping of porcine pancreatic α -amylase I and II using, 267
- Nucleosides, synthesis of some 3-deazapyrimidine, using 2-pyridones and 2-pyridinethiones, 295
- Odor bouquet minor components of *Paravespula vulgaris*, synthesis of a mixture of (2S,5R)- and (2S,5S)-methyl-1,6-dioxaspiro 4.5 decane, the odor bouquet minor components of *Paravespula vulgaris* (L.) from L-sorbose, 187
- Pachymenia lusoria*, structural analysis of the polysaccharide from the red seaweed, 219
- Peroxy group and its reactions with some nucleophiles, preparation of methyl 3-C-nitro- α -D-threo-hex-3-enopyranoside having a, 107
- Phenylacetylene, α -D-glucopyranosyl, synthesis and reactions, 177

- Polysaccharide chains of the lipopolysaccharide from *Yersinia enterocolitica* serovar O:10, structural studies of O-specific, 249
- Polysaccharide from *Pachymenia lusoria* (Cryptonemiaceae, Rhodophyta), structural analysis, 219
- O-Polysaccharide of *Vibrio cholerae* O:1, synthesis of specifically deoxygenated analogues of the methyl α -glycoside of the intracatenary monosaccharide repeating unit, 73
- Polysaccharides, syntheses of some model compounds with cyclic substituents for the reaction with epichlorohydrin, 47
- Preparation of methyl 3-C-nitro- α -D-threo-hex-3-enopyranoside having a peroxy group and its reactions with some nucleophiles, 107
- 2-Pyridones and 2-pyridinethiones, synthesis of some N-hexopyranosyl-, 295
- Pyrrolidine derivatives from methyl 4,6-O-benzylidene-2-deoxy-2-dimethylamino- α -D-altropyranoside N-oxide, synthesis of sugar, 301
- Radical reactions, use of a furanoid glycol for the synthesis of cis-fused cyclic acetals, 287
- Red seaweed *Pachymenia lusoria*, structural analysis of the polysaccharide extract, 219
- Solid-phase glycopeptide synthesis, preparation of new glycosyl amino acids and their application in, 17
- Specificity of the binding site of Achatinin_H, a sialic acid-binding lectin from *Achatina fulica*, 115
- Stereoselective thermal transfer of fructose from sucrose to cyclodextrins, 209
- Structure of 4-cyanophenyl 5-thio- β -D-xylopyranoside, the crystal and molecular, 127
- Thermal inactivation of cellobiohydrolase I from *Trichoderma reesei* QM 9414, 257
- Thermal properties of amylose inclusion complexes with fatty acids, some factors determining, 233
- 5-Thio- β -D-xylopyranoside, the crystal and molecular structure of 4-cyanophenyl, 127
- Transfer of fructose from sucrose to cyclodextrins, stereoselective thermal, 209
- α , α' -Trehalose, sucrose, and cyclomaltooligosaccharides, isothiocyanates and cyclic thiocarbamates of, 57
- Trichoderma reesei* QM 9414, thermal inactivation of cellobiohydrolase I from, 257
- Vibrio cholerae* O:1, synthesis of specifically deoxygenated analogues of the methyl α -glycoside of the intracatenary monosaccharide repeating unit of the O-polysaccharide of, 73
- Yersinia enterocolitica* serovar O:10, structural studies of O-specific polysaccharide chains of the lipopolysaccharide, 249
- Zemplén deacylation of protected methyl 2-deoxyhexopyranosides and related oligosaccharide glycosides, anomalous, 135